



**DATE:** August 23, 2023

**TO:** Board of Trustees

**FROM:** Shawna Warren, Superintendent

**ORIGINATORS:** Amy Kolesar, Manager, Transportation Services  
Shawna Warren, Superintendent

**GOVERNANCE POLICY:** [Policy 405 – Budget Development and Transparency](#)  
[Policy 500 - Transportation \(with proposed amendments\)](#)

**ADDITIONAL REFERENCE:** *Education Act: Sections 139(1)(2), 143, 180, 183, 184*  
*Education Act: Sections 7(1), 4(1)(8), 59(1)*  
*School Transportation Regulation AR96/2019*

Assurance Domain - [Governance](#)

**SUBJECT:** Tyler Technologies – Tyler Drive

---

**PURPOSE:**

For information.

**BACKGROUND:**

In spring 2023, Transportation Services was working with Tyler Technologies to install Tyler Drive tablets on Sturgeon Public School Division bus routes. This technology was intended to support school bus operators by allowing operators to manually enter student names as they enter and exit the bus on days when a student bus pass was unavailable. The technology would also support spare bus operators in displaying the route and student information. The Division planned to purchase 20 units initially, and the remaining units at a later date. The decision to start with 20 units was to ensure that Contractors found value in the technology, that it supported Division students with bus pass scanning, and that the units were compatible with the region before purchasing for the entire fleet.

On July 5, 2023, there was a final order review meeting arranged with the Manager of Transportation Services and the sales representative of Tyler Technologies. During that meeting, it was shared by the sales representative from Tyler Technologies that the company was not confident that the Tyler Drive units would perform with Versatrans, which is the current Division routing software. Tyler Technologies indicated that the Tyler Drive units were created to be implemented with their newer software program, called Traversa. Tyler Technologies indicated that they would require additional IT support to bridge the Tyler Drive units with the Versatrans software, as the Tyler Drive technology is designed to work with Traversa and the software components are quite different. In addition, Tyler Technologies indicated that after taking a deeper dive into the Division’s current technologies installed on buses that the Division would also need to update bus pass scanners before installation.

As a result, Transportation Services did not move forward with the order for the Tyler Drive units as originally anticipated. Alternate solutions including alternative transportation software programs are currently being investigated.



Administration is prepared to respond to questions at the August 23, 2023, Public Board meeting.

**ATTACHMENT(S):**

1. Tyler Drive Budget Implications

### Tyler Drive Budget Implications

Below is a summary of the quote provided to Transportation Services for the 20 initial units for SPS for the 2023-2024 school year.

Description	Annual Cost	One-Time Cost
Software as a Service (SaaS)	\$8,500	-
Fixed Fee Services	-	\$8,030
Hourly Services	-	\$13,573
3 <sup>rd</sup> Party Hardware, Software and Services	-	\$38,989
<b>Total</b>	<b>\$8,500</b>	<b>\$60,542</b>

Tyler Technologies indicated that they were flexible on the billing dates of each component and would be able to adjust as required to ensure that it fits within the parameters of the Transportation budget. This project was estimated to take 12-18 months for full implementation of the 20 units. The budgeting timeline had not been solidified when the decision was made not to proceed with the Tyler Drive units.

The total Tyler Drive project cost for all 80 units to be delivered and installed was estimated at \$205,000.